

**TABLE I. Fuels and Electric Energy Used by Major Industry Group:  
1963 and Earlier Years**

Industry group and year	Energy used <sup>1</sup> (kwh. equivalent)		Fuels used <sup>2</sup>				Electric energy (million kwh.)		
	Total (million)	Per production worker (1 000)	Coal (1 000 short tons.)	Fuel oils (1 000 barrels)	Gas (million cu. ft.)	Gasoline (1 000 gallons)	Purchased	Generated by reporting companies	
								Used	Sold
All mineral industries <sup>3</sup>									
Including oil and gas extraction	436,435	906	2,650	18,656	1,084	263,083	22,516	5,942	412
1958	405,631	717	2,427	14,995	996,834	(1)	16,394	4,401	828
1954	373,168	576	2,804	16,316	931,643	(1)	13,153	3,652	891
1939 <sup>4</sup>	224,898	291	7,186	6,115	489,052	77,614	6,329	2,070	125
1919 <sup>5</sup>	250,624	253	26,088	9,913	103,432	6,675	(NA)	(NA)	(NA)
Excluding oil and gas extraction									
1958	107,091	369	2,650	13,158	119,922	105,533	15,820	3,313	370
1954	95,271	286	2,427	9,291	102,576	(1)	12,119	2,846	779
1939 <sup>4</sup>	88,055	203	2,797	11,714	89,218	(1)	10,405	2,338	856
1929 <sup>6</sup>	77,131	123	7,160	3,770	26,720	59,645	5,677	1,884	121
1919 <sup>5</sup>	133,790	165	14,675	4,047	25,536	16,566	5,382	2,081	(NA)
1919 <sup>5</sup>	209,193	233	26,016	3,833	2,841	4,757	(NA)	(NA)	(NA)
10 Metal mining	1963	31,911	513	1,204	3,909	29,916	10,244	5,678	2,654
1958	27,800	384	1,052	2,628	28,388	7,414	3,876	2,227	577
1954	21,677	257	741	2,076	24,889	74	3,184	1,576	502
1939 <sup>4</sup>	14,628	163	967	1,109	8,784	8,525	2,306	616	33
1929 <sup>6</sup>	24,727	211	2,274	2,392	1,408	1,829	1,965	1,007	(NA)
1919 <sup>5</sup>	33,978	247	3,767	1,745	1,812	2,150	(NA)	(NA)	(NA)
1 Anthracite mining	1963	2,692	261	184	346	2	5,534	376	58
1958	3,881	194	313	286	(1)	(1)	564	68	(D)
1954	7,198	218	1,338	334	1	(1)	731	109	195
1939	19,716	237	2,534	82	-	4,105	591	374	7
1929 <sup>6</sup>	42,694	299	5,679	1	92	470	478	(NA)	(NA)
1919 <sup>5</sup>	71,293	484	9,578	1	-	58	(NA)	(NA)	(NA)
12 Bituminous coal and lignite mining	1963	16,071	135	706	2,216	982	23,612	5,014	47
1958	14,972	91	1,544	1,854	535	(1)	4,353	84	(D)
1954	15,411	77	1,841	2,135	507	(1)	3,629	133	146
1939 <sup>4</sup>	22,587	61	2,577	167	103	6,685	1,958	616	75
1929 <sup>6</sup>	37,766	82	4,524	17	303	755	2,044	465	(NA)
1919 <sup>5</sup>	85,559	157	11,129	3	866	798	(NA)	(NA)	(NA)
13 Oil and gas extraction	1963	329,344	1,716	(NA)	5,498	964	157,550	6,696	2,629
1958	310,360	1,451	(NA)	135,707	894,251	(1)	4,275	1,555	49
1954	285,113	1,211	7	14,603	842,425	(1)	2,748	1,314	35
1939 <sup>4</sup>	147,767	992	26	2,345	462,332	17,969	652	186	(NA)
1919 <sup>5</sup>	41,431	442	73	6,080	100,591	2,016	(NA)	(NA)	(NA)
14 Nonmetallic minerals mining	1963	56,417	574	556	6,687	89,022	66,143	4,752	554
1958	48,618	508	464	4,521	73,653	(1)	3,326	467	(D)
1954	43,769	451	477	7,168	63,821	(1)	2,861	520	13
1939 <sup>4</sup>	20,200	249	1,082	2,412	17,833	40,330	822	278	6
1929 <sup>6</sup>	28,603	302	2,198	1,637	23,825	13,890	903	131	(NA)
1919 <sup>5</sup>	18,363	287	1,541	2,084	163	1,654	(NA)	(NA)	(NA)

Standard Notes: - Represents zero. (D) Withheld to avoid disclosing figures for individual companies. (NA) Not available. (X) Not applicable.

<sup>1</sup>Represents purchased electric energy and the kilowatt-hour equivalent of all fuels used for power or heat. Includes fuels for which only total costs were reported and which are not shown in succeeding columns of this table. For conversion factors used to convert to this international unit of energy, see Introduction, Energy Used.

<sup>2</sup>Represents purchased fuels and fuels produced and used in the same establishment for power or heat.

<sup>3</sup>For 1963, 1958, and 1954 excludes, but for 1939 includes, data for dimension and crushed and broken stone, clay, and gypsum mines operated as parts of manufacturing establishments. For 1939 and earlier years, excludes data for service industries.

<sup>4</sup>Quantitative data for gasoline were not collected. The cost of gasoline was included in the cost of other fuels purchased.

<sup>5</sup>Excludes data for Placer gold in Alaska.

<sup>6</sup>Excludes data for Alaska and Hawaii.

<sup>7</sup>Excludes data for common clay, shale, sand, and gravel establishments and for all establishments in Hawaii.

<sup>8</sup>Excludes data for purchased electric energy.

<sup>9</sup>Excludes data for common clay and shale establishments and for all establishments in Alaska and Hawaii.

<sup>10</sup>Excludes data for Alaska.

<sup>11</sup>Includes anthracite produced and used at the same establishment for power or heat: For 1963, 153 thousand tons; for 1958, 212 thousand tons; for 1954, 595 thousand tons.

<sup>12</sup>Includes bituminous coal and lignite produced and used at the same establishment for power or heat: For 1963, 633 thousand tons; for 1958, 450 thousand tons; for 1954, 761 thousand tons.

<sup>13</sup>Includes crude petroleum produced and used as a fuel at the same establishment: For 1963, 563 thousand barrels; for 1958, 651 thousand barrels; for 1954, 664 thousand barrels.

<sup>14</sup>Includes gas produced and used at the same establishment for power or heat: For 1963, 831 billion cubic feet; for 1958, 759 billion cubic feet; for 1954, 698 billion cubic feet.

<sup>15</sup>Excludes data for oil and gas field services establishments. In 1954 and 1958, such establishments used about 10 percent of all fuels re-

ported used in Major Group 13, and to about 8 percent for 1963. For 1939, excludes data for Alaska.